

# **Minutes - Statewide Transportation Planning Meeting**

April 18, 2018

Kentucky Transportation Cabinet - Division of Planning  
Frankfort, Kentucky

Facilitator: Deanna Mills

Scribe: Shane McKenzie

The meeting began at 9:00 a.m.

It was noted that announcements and personnel changes were on the back of the agenda.

Presentations were made as follows:

## **2018 Highway Plan Update, DNAs, and Purpose and Need Statements by John Moore, Director, KYTC Division of Planning**

- See power point presentation: 2018 Highway Plan Update, DNAs, and Purpose and Need Statements
- Discussed the development of the 2018 Highway Plan, needs, SHIFT, funding allocations
- Summary of the 2018 Enacted Highway Plan
- Bridge and pavement needs
- Performance based flexible solutions
- DNAs, changes, project purpose and need
  - Working on having a submitted DNA triggers \$\$\$ authorization to reduce paperwork
  - Start working on DNAs in the 2018 Highway Plan
  - Regarding 9 elements of need:
    - Project status and history – start with history: have there been signage changes, traffic maintenance?
    - Legislation need: the highway plan is law, but if the highway plan description is beyond the need then identify the actual need and raise the observation with Central Office.
      - Post-meeting note: Mikael Pelfrey will be sending out revised DNA guidance soon
    - Capacity: look at system capacity today, don't base today's need on the system being under capacity in 20 years
    - Roadway Deficiencies: the green book is guidance, cannot stand alone as a need
    - Modal relationships: bike/ped – the local government must have a documented plan
    - Social demands or Economic development: Per Tim Foreman, economic dev. should not be used as a need – difficult to prove how limited the impact is, KYTC becomes entangled in the environmental impact; John Moore suggested using national performance measures, travel time reliability, bridge conditions, etc.

❖ It was noted that there is a struggle with this with the economic development community concerning this element

- Questions and concerns:
  - Federal dedicated funds went from 7% in 2016 Highway Plan to 17% in 2018 Highway Plan. Why the difference? Answer: same allocation, the denominator changed. We went from an unbalanced plan to a much closer to balanced plan.
  - When do we get a copy of the 2018 Highway Plan? Answer: It is already on the LRC website, but we will get the final version (corrected and pretty) in June.
  - If there is a recent planning study, do we still need to do a DNA? Answer: no, only do DNAs when there is not a recent planning study.
  - If there is a planning study, ie no DNA, how is the authorization triggered? Answer: A process will be put in place.
  - There will be Purpose and Need training soon

#### **Environmental Justice Source Data by Tim Foreman, KYTC, Div. of Environmental Analysis**

- See power point presentation: American Community Survey (ACS) Basics
- American Community Survey: provides 1 year and 5 year datasets
- 5% sample sent to 1 million house holds
- 2012 through 2016 data released in December, 2017
- Use ACS for consistency in all planning and other documents

#### **Highway Information View and Extract interface (HIVEi) Ed Harding, Systems Consultant IT, KYTC Office of Information Technology, and Keith Dotson, Data Management, KYTC Div. of Planning**

- See power point presentation: Highway Information View and Extract Interface
- Records for through lanes: dynamic segmentation enables mapping with ArcMap
- Questions:
  - How often is the crash data updated? Answer: Our crash database is updated through a KyOPS extract every Sunday.
  - Does the data get cleaned? Answer: no.
  - Can we get DTP-GIS mapping? Answer: It is possible, but difficult to build, and because the amount of data stacked on top of each other, difficult to use effectively. The better option that is being pursued is using straight-line diagrams.
  - Will the ADDs and MPOs get access to HIVEi soon? Answer: Ed Harding is working on it, no ETA though, roadblocks in the way.

#### **Alternative Fuel Corridors by Justin Harrod, Air Quality Coordinator, KYTC Div. of Planning**

- See power point presentation: Alternative Fuel Corridors
- The FAST Act required designation of alternative fuel corridors
- Questions:
  - What do the various levels mean for the electric vehicles? Answer: the speed of recharging, ie Level 3 means less than 30 minutes to recharge. Level 1 is a household outlet which could take hours to recharge.

- Is there a fee for recharging? Answer: Depends on who owns the charging station and what they set the price at. Certain cellphone apps or contacting the owner of the station should be able to provide you with an answer.
- Do commercial stations know about the KYTC Fuel Corridors? Answer: Emily Carpenter of the Kentucky Clean Fuel Coalition has shared this information with the Clean Fuel stakeholders. The stakeholders are large utility companies and other industries that have interest in alternative fuels.
- Is the state or federal governments doing anything to encourage adding more stations? Answer: no, but we hope future funding might be obtained for this effort.

#### **Bike/Pedestrian Opportunities by Troy Hearn, Bike/Ped Coordinator, KYTC Div. of Planning**

- See power point presentation: Bike-Pedestrian Opportunities
- New legislation spelling out safe passing distances for bicycles on roadways goes into effect in June, 2018.
- Suggestion: work with 6<sup>th</sup> floor to advertise new regulation on a ribbon on our KYTC website
- Questions:
  - “Bike-Ped Program” vs “Bike-Walk Program” – KYTC uses “Bike-Walk Program”
  - Information for developing ADA transition plans is on KYTC Planning website
  - Is the Bicycle Comfort Index formula on the website? Answer: Yes.

#### **Changes in Traffic Forecasting by Jonathan Reynolds, Traffic Forecasting Team Lead, KYTC Div. of Planning**

- As of January 1, 2018: no longer using Equivalent Single Axle Loads (ESALs) for pavement design
- Now based on Highway Design’s new PAVE-ME program that uses truck volumes
- 13 bin class counts will be requested for forecasts when needed
- The pavement design spreadsheet will be shared with the district when it’s ready
- Important items to note when requesting traffic forecasts:
  - Send traffic forecast requests to Jonathan Reynolds as soon as possible, please don’t wait until last moment
  - Include reasonable deadlines (“tomorrow” is not a reasonable deadline, ever)
  - Traffic count requests add a month to the process
- Question: what is the definition of a truck? Answer: bins 4 through 13.

The meeting was adjourned at 11:30 a.m. for the lunch break.